

SEQUENCE LISTING

<110> Clark, Janet
 Rohrer, Susan
 Alves, Stephen E.

<120> Tryptophan Hydroxylase Assay

<130> 21226Y

<140> 10/528,309

<141> 2005-03-17

<150> 60/412,094

<151> 2002-09-19

<150> US03/29320

<151> 2003-09-15

<160> 9

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 265

<212> DNA

<213> Mus Musculus

<220>

<221> misc_feature

<222> (0)...(0)

<223> Isolate P815 Mouse Mastocytoma cell line, strain
 DBA, ATCC Deposit No. TIB-64

<400> 1

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tcctctcggg ggactcgccc gatcagctca ctgcgaagga agacggtatg gagactgtcc 180
cttggtttcc aaagaagatt tctgacctgg acttctgcgc caacagagtg ctggtgtatg 240
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<210> 2

<211> 265

<212> DNA

<213> Rattus Rattus

<400> 2

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tcctctctgt ggactcgccc gatcagctcc ctgaaaagga agatggtatg gagactgtcc 180
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<210> 3

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<212> DNA

<213> Homo Sapiens

<400> 3

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ttctctctgt gaatctacca gataatttta ctttgaagga agatggtatg gaaactgttc 180
cttggtttcc aaagaagatt tctgacctgg accattgtgc caacagagtt ctgatgtatg 240
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265

<210> 4

<211> 1732

<212> DNA

<213> Mus Musculus

<220>

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<223> Isolate P815 Mouse Mastocytoma cell, strain DBA
ATCC deposit No. TIB-64

<400> 4

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<210> 5

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<212> DNA

<213> Mus Musculus

<220>

<221> misc_feature

<222> (0)...(0)

<223> Isolate P815 Mouse Mastocytoma, cell line, Strain
DBA, ATCC, Deposit No. TIB-64

<400> 5

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ttccaggaga atcatgtgag cctgttacac atcgagtcct ggaaatcaaa gcaaagaaat 180
tcagaatttg agatatttgt tgactgcgac atcagccgag aacagttgaa tgacatcttc 240
cccctgctga agtcgcacgc caccgtcctc tcgggtggact cgcccgatca gctcactgcg 300
aaggaagacg ttatggagac tgtcccttgg tttccaaaga agatttctga cctggacttc 360
tgcgccaaca gagtgtgtgt gtatggatcc gaacttgacg ccgaccaccc tggcttcaaa 420
gacaatgtct atcgtagaag acgaaagtat tttgcagagt tggctatgaa ctacaaacat 480
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tccaactttt taaaagaacg cactgggttt tccatccgtc ctgtggctgg ttacctctca 720
ccgagagatt ttctgtcggg gttagccttt cgagtctttc actgcactca gtatgtgaga 780
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ggactgaagt acaaccgta cacacagagt gttcaggttc tcagagacac caagagcata 1260
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<211> 447

<212> PRT

<213> Mus Musculus

<400> 6

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Gly Leu Ile Lys Val Leu Lys Ile Phe Gln Glu Asn His Val Ser Leu
  35           40           45
Leu His Ile Glu Ser Arg Lys Ser Lys Gln Arg Asn Ser Glu Phe Glu
  50           55           60
Ile Phe Val Asp Cys Asp Ile Ser Arg Glu Gln Leu Asn Asp Ile Phe
  65           70           75           80
Pro Leu Leu Lys Ser His Ala Thr Val Leu Ser Val Asp Ser Pro Asp
  85           90           95
Gln Leu Thr Ala Lys Glu Asp Val Met Glu Thr Val Pro Trp Phe Pro
  100          105          110
Lys Lys Ile Ser Asp Leu Asp Phe Cys Ala Asn Arg Val Leu Leu Tyr
  115          120          125
Gly Ser Glu Leu Asp Ala Asp His Pro Gly Phe Lys Asp Asn Val Tyr
  130          135          140
Arg Arg Arg Arg Lys Tyr Phe Ala Glu Leu Ala Met Asn Tyr Lys His
  145          150          155          160
Gly Asp Pro Ile Pro Lys Ile Glu Phe Thr Glu Glu Glu Ile Lys Thr
  165          170          175
Trp Gly Thr Ile Phe Arg Glu Leu Asn Lys Leu Tyr Pro Thr His Ala
  180          185          190
Cys Arg Glu Tyr Leu Arg Asn Leu Pro Leu Leu Ser Lys Tyr Cys Gly
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Tyr Arg Glu Asp Asn Ile Pro Gln Leu Glu Asp Val Ser Asn Phe Leu
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Lys Glu Arg Thr Gly Phe Ser Ile Arg Pro Val Ala Gly Tyr Leu Ser
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Pro Arg Asp Phe Leu Ser Gly Leu Ala Phe Arg Val Phe His Cys Thr
  245          250          255
Gln Tyr Val Arg His Ser Ser Asp Pro Leu Tyr Thr Pro Glu Pro Asp
  260          265          270
Thr Cys His Glu Leu Leu Gly His Val Pro Leu Leu Ala Glu Pro Ser
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Phe Ala Gln Phe Ser Gln Glu Ile Gly Leu Ala Ser Leu Gly Ala Ser
  290          295          300
Glu Glu Thr Val Gln Lys Leu Ala Thr Cys Tyr Phe Phe Thr Val Glu
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Phe Gly Leu Cys Lys Gln Asp Gly Gln Leu Arg Val Phe Gly Ala Gly
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Leu Leu Ser Ser Ile Ser Glu Leu Lys His Ala Leu Ser Gly His Ala
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 Ala Lys Glu Lys Met Arg Glu Phe Ala Lys Thr Val Lys Arg Pro Phe
 385 390 395 400
 Gly Leu Lys Tyr Asn Pro Tyr Thr Gln Ser Val Gln Val Leu Arg Asp
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 <223> Primer, MTPH-874F

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27